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## **CLAIMS**

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1	A ccalable	processing system	COMPTISING
<b>.</b> .	A scalable	processing system	i, comprising

- a memory device that includes a plurality of executable program instructions, wherein
- 3 each of said executable program instructions includes a timetag data field indicative of the
- 4 nominal sequential order of said associated executable program instructions; and
- a plurality of processing elements, which are configured and arranged to receive
- 6 executable program instructions from said memory device, wherein each of said processing
  - elements executes executable instructions having the highest priority as indicated by the state of
- 8 said timetag data field.